



DONALD L. WOLFE, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

900 SOUTH FREMONT AVENUE  
ALHAMBRA, CALIFORNIA 91803-1331  
Telephone: (626) 458-5100  
[www.ladpw.org](http://www.ladpw.org)

ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

June 29, 2006

IN REPLY PLEASE

REFER TO FILE: **PJ-2**

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

**LAC+USC MEDICAL CENTER REPLACEMENT PROJECT  
APPROVAL OF VARIOUS CONSTRUCTION CHANGE ORDERS  
CONTRACT PW-12641; MCCARTHY/CLARK/HUNT, A JOINT VENTURE  
SPECS. 6550; C.P. 70787  
SUPERVISORIAL DISTRICT 1  
4 VOTES**

**JOINT RECOMMENDATION WITH THE CHIEF ADMINISTRATIVE OFFICER THAT  
YOUR BOARD:**

Approve and authorize the Director of Public Works to execute the following change orders to:

1. Provide revised fire protection systems at shaft locations in the Diagnostic and Treatment building for a not-to-exceed amount of \$330,000.
2. Provide revised headwall elapsed timers, master clock locations, and the installation of conduit, wire, and programming necessary to allow the Code Blue nurse call system to coordinate with electrical devices associated with the master clock for a not-to-exceed amount of \$240,000.

**REASON AND SCOPE - RECOMMENDATION 1**

Unforeseen condition	<input type="checkbox"/>	Regulatory agency requirement	<input type="checkbox"/>
Drawing coordination	<input type="checkbox"/>	Previously approved scope change	<input type="checkbox"/>
Contract supplement	<input type="checkbox"/>	Errors and omissions	<input checked="" type="checkbox"/>

The construction documents did not adequately show the connections and fire protection systems to be used between the exterior precast utility shaft, the window wall system, and the interior fire rated wall. This condition occurs where three types of building materials (precast concrete panels, curtain wall, and partition framing) come together at the shaft corners. A detail needed to be developed by the architect that tied the fire ratings of the three systems together continuously from the floor to the bottom of the deck above. Standard fire rating details could not be used due to these conditions. Constructing the revised fire rating details was complicated by the special conditions, which resulted from the different spacing between building components and structural interference with the beams, braces, and gussets; some demolition and rework was involved. This condition occurs at approximately 200 locations in the building.

Approving the recommended action will allow the contractor to provide revised fire protection systems and complete the shafts and the adjacent interior framing and drywall. Cost negotiations of this change with the contractor have not been finalized. We estimate that the total cost will not exceed \$330,000 with no delay to the project completion date. However, if the final value of the change order exceeds the cost estimate, we will return to your Board for approval. Public Works issued a proceed order for \$150,000 for a portion of this work to avoid delay impact, the value of that is included in the recommended \$330,000.

**REASON AND SCOPE - RECOMMENDATION 2**

Unforeseen condition	<input type="checkbox"/>	Regulatory agency requirement	<input type="checkbox"/>
Drawing coordination	<input type="checkbox"/>	Previously approved scope change	<input type="checkbox"/>
Contract supplement	<input type="checkbox"/>	Errors and omissions	<input checked="" type="checkbox"/>

During a Code Blue event, a hospital must record the amount of time required to respond to the event. In order to accomplish this, the Code Blue system must be fully integrated with the hospital's master clock system and the elapsed timers mounted on

the headwalls in the patient rooms. Where specified, the elapsed timer is mounted in the headwall unit. While reviewing and approving the contractor's submittal for the master clock, headwall unit, and nurse call system, it was determined that the following changes would be required in order to deliver a complete, functional, and coordinated system:

1. The master clock system required numerous changes to the system layout in order to provide consistency throughout the facility in the location and use of master clocks and elapsed timers. Several of these changes were made to comply with building codes.
2. Revisions to the specification for the elapsed timer in the headwall system were required for compatibility with the master clock system.
3. In addition, an interface between the nurse call Code Blue system and the master clock system was also added. This was not previously specified or depicted on the drawings but was the intent of the project program.

Approving the recommended action will allow the contractor to make the required modifications discussed above. We estimate that the total cost will not exceed \$240,000 with no delay to the project completion date. Cost negotiation of this change with the contractor has not been finalized; however, if the final value of the change order exceeds the cost estimate, we will return to your Board for approval. Public Works has issued two proceed orders totaling \$150,000 for a portion of this work in order to avoid delay impacts, the value of these is included in the recommended \$240,000.

We have reviewed the above recommendations as well as the potential cost impact with the Project Advisory Committee. These change orders are considered to be within the scope of the project.

There is sufficient appropriation available in the Fiscal Year 2006-07 Capital Projects Budget (C.P. 70787) to fund this action.

The Honorable Board of Supervisors  
June 29, 2006  
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**CONCLUSION**

Please return an adopted copy of this letter to the Chief Administrative Office (Capital Projects Division) and Public Works.

Respectfully submitted,

DONALD L. WOLFE  
Director of Public Works

DAVID E. JANSSEN  
Chief Administrative Officer

RL:EL:cb  
LACUSC Two Construction Change Orders 6.28.06.doc

cc: County Counsel  
Department of Health Services (Fred Leaf)  
Project Advisory Committee (A. Redmond Doms, Jerry Epstein, Nick Patsaouras)